

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(( (storage content proxy ) near4 (switch gateway router relay ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 backup persistent substitute replacement update news) near4 (manag\$5 control\$5 supervis\$5 administrat\$4 organiz\$4 processor direct\$4 govern\$5) ) and @ad<"20030601" and ( san nasd ) and ( (origin\$6 initia\$6 request\$5 host source proxy ) adj5 (lun lba (logical adj (unit block address) ) ) ) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 09:05
		(( (delet\$5 eras\$5 releas\$5 flush\$4 scrub\$5 garbage stale overlay\$4 overwrit\$5 free\$5 least low\$5) near9 (usage frequency access request ) ) and @ad<"20030601" and "20030189936".pn.	US-PGPUB; USPAT	OR	ON	2005/02/25 15:43
S1	7127	(( (copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 ) near9 ( ( cache san) adj4 (hit exist\$5 copy replica image address index translat\$5 conver\$5 lookup rout\$5 relay\$5 switch\$5 domain network farm realm sphere region class location table list database respons\$6 ) ) ) and @ad<"200306001"	US-PGPUB; USPAT	OR	ON	2005/02/24 13:14
S2	64	(( (copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 ) near9 ( ( cache san) adj4 (hit exist\$5 copy replica image address index translat\$5 conver\$5 lookup rout\$5 relay\$5 switch\$5 domain network farm realm sphere region class location table list database respons\$6 ) ) ) and @ad<"200306001" and ((home origin\$5 base root) adj4 (address location server san lun lba)) and (valid\$5 adj flag)	US-PGPUB; USPAT	OR	ON	2005/02/24 13:18

S3	60	( (copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 ) near9 ( ( cache san) adj4 (hit exist\$5 copy replica image address index translat\$5 conver\$5 lookup rout\$5 relay\$5 switch\$5 domain network farm realm sphere region class location table list database respons\$6 ) ) ) and @ad<"20030601" and ((home origin\$5 base root) adj4 (address location server san lun lba)) and (valid\$5 adj flag)	US-PGPUB; USPAT	OR	ON	2005/02/24 13:47
S4	6247	(storage adj4 switch) ((master primary ) adj4 switch) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 ) near4 (manag\$5 control\$5) ) and @ad<"20030601" and "709".cls.	US-PGPUB; USPAT	OR	OFF	2005/02/24 13:35
S5	137	( (storage content ) adj4 (switch gateway router ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 ) near4 (manag\$5 control\$5) ) and @ad<"20030601" and 709/208-220.ccls.	US-PGPUB; USPAT	OR	OFF	2005/02/24 13:39
S6	0	S2 and S5	US-PGPUB; USPAT	OR	OFF	2005/02/24 13:37
S7	0	S3 and S5	US-PGPUB; USPAT	OR	OFF	2005/02/24 13:37
S8	137	( (storage content ) adj4 (switch gateway router ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 ) near4 (manag\$5 control\$5) ) and @ad<"20030601" and 709/208-220.ccls.	US-PGPUB; USPAT	OR	OFF	2005/02/24 13:39

S9	55	( (storage content ) adj4 (switch gateway router ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 ) near4 (manag\$5 control\$5) ) and @ad<"20030601" and 709/208-220.ccls. and san	US-PGPUB; USPAT	OR	OFF	2005/02/24 14:19
S10	124	((copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 ) near9 ( ( cache san nasd ) adj4 (hit exist\$5 copy replica image address index translat\$5 conver\$5 lookup rout\$5 relay\$5 switch\$5 domain network farm realm sphere region class location table list database respons\$6 ) ) ) and @ad<"20030601" and ((home origin\$5 base root proxy copy placeholder\$5 substitu\$5 translat\$5 conver\$5) adj4 (address location server san lun lba)) and (valid\$5 adj flag)	US-PGPUB; USPAT	OR	ON	2005/02/24 14:06
S11	7	( (storage content ) adj4 (switch gateway router ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 ) near4 (manag\$5 control\$5) ) and @ad<"20030601" and 709/208-220.ccls. and san and (copy adj4 manag\$5)	US-PGPUB; USPAT	OR	OFF	2005/02/24 14:45
S12	25	( (storage content ) adj4 (switch gateway router ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 ) near4 (manag\$5 control\$5) ) and @ad<"20030601" and ( san nas nasd ) and (copy adj4 manag\$5) and (lun lba (logical adj (unit block address) ) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 08:31

S13	132	(( storage content ) adj4 ( switch gateway router relay ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 backup persistent substitute replacement update news) near4 (manag\$5 control\$5 ) ) and @ad<"20030601" and ( san nas nasd ) and ( lun lba (logical adj (unit block address) ) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 08:34
S14	86	(( storage content ) adj4 ( switch gateway router relay ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 backup persistent substitute replacement update news) near4 (manag\$5 control\$5 ) ) and @ad<"20030601" and ( san nas nasd ) and ( (origin\$6 initia\$6 request\$5 host ) adj5 ( lun lba (logical adj (unit block address) ) ) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 08:43
S15	5	(( storage content proxy ) near4 ( switch gateway router relay redirect\$5 ) ) and ( ( copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 meta\$6 backup persistent substitute replacement update news) near4 (manag\$5 control\$5 supervis\$5 administrat\$4 organiz\$4 processor direct\$4 govern\$5 ) ) and @ad<"20030601" and ( san nas nasd ) and ( (origin\$6 initia\$6 request\$5 host source proxy ) adj5 ( lun lba (logical adj (unit block address) ) ) near9 (table list) ) and (copy adj4 manag\$5)	US-PGPUB; USPAT	OR	OFF	2005/02/25 09:10
S16	59971	(mirror\$5 near4 (agent proxy cache storage copy module control\$5 direct\$5)) and @ad<"20031201"	US-PGPUB; USPAT	OR	OFF	2005/02/25 09:25
S17	99	(mirror\$5 adj3 agent) and @ad<"20031201"	US-PGPUB; USPAT	OR	OFF	2005/02/25 09:26
S18	33	(mirror\$5 adj3 agent) and @ad<"20031201" and (san nas nasd)	US-PGPUB; USPAT	OR	OFF	2005/02/25 09:27



S19	4	(mirror\$5 adj3 agent) and @ad<"20031201" and (san nas nasd) and ( (origin\$6 initia\$6 request\$5 host source proxy ) adj5 (lun lba (logical adj (unit block address) ) ) near9 (table list) ) and (copy adj4 manag\$5)	US-PGPUB; USPAT	OR	OFF	2005/02/25 12:46
S20	0	"20030189936".pn. and (delet\$5 near9 frequency)	US-PGPUB; USPAT	OR	OFF	2005/02/25 11:12
S21	1	"20030189936".pn. and (delet\$5 and frequency)	US-PGPUB; USPAT	OR	OFF	2005/02/25 11:19
S22	1	"20030189936".pn. and ( (space resource member storage queue cache buffer memory) near9 (full empty delete ) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 11:21
S23	1	"20030189936".pn. and ( (space resource member storage queue cache buffer memory) near9 (full empty delete sufficien\$5 lack\$5 spare adequat\$5 short low meager ) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 11:26
S24	17	(US-20030120751-\$ or US-20030187945-\$ or US-20030204597-\$ or US-20030236851-\$ or US-20040111485-\$ or US-20040225719-\$ or US-20040233910-\$ or US-20040139240-\$ or US-20030233382-\$ or US-20030189936-\$ or US-20030140209-\$ or US-20030140193-\$ or US-20030093567-\$ or US-20030093541-\$).did. or (US-6654830-\$ or US-6779016-\$ or US-6839740-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/02/25 11:26
S25	11	( (space resource member storage queue cache buffer memory) near9 (full empty delete sufficien\$5 lack\$5 spare adequat\$5 short low meager ) ) and S24	US-PGPUB; USPAT	OR	OFF	2005/02/25 11:31

S26	124	( (copy duplicat\$5 replica\$5 reproduction\$5 content mirror imag\$5 multimedia document graphic\$5 alternat\$5 ) near9 ( ( cache san nasd ) adj4 (hit exist\$5 copy replica image address index translat\$5 conver\$5 lookup rout\$5 relay\$5 switch\$5 domain network farm realm sphere region class location table list database respons\$6 ) ) ) and @ad<"20030601" and ((home origin\$5 base root proxy copy placeholder\$5 substitu\$5 translat\$5 conver\$5) adj4 (address location server san lun lba)) and (valid\$5 adj flag)	US-PGPUB; USPAT	OR	ON	2005/02/25 11:32
S27	113	((space resource member storage queue cache buffer memory ) near9 (full empty delet\$5 sufficien\$5 lack\$5 spare adequa\$5 short low meager ) ) and S26	US-PGPUB; USPAT	OR	OFF	2005/02/25 11:36
S28	16	( (space resource member storage queue cache buffer memory ) near9 (full empty delet\$5 sufficien\$5 lack\$5 spare adequa\$5 short low meager availab\$5 greater ) ) and S24	US-PGPUB; USPAT	OR	OFF	2005/02/25 11:41
S29	5	(mirror\$5 adj3 agent) and @ad<"20031201" and ( (origin\$6 initia\$6 request\$5 host source proxy ) adj5 (lun lba (logical adj (unit block address) ) ) near9 (table list map\$4 relat\$4 associat\$5) ) and (copy adj4 manag\$5)	US-PGPUB; USPAT	OR	OFF	2005/02/25 12:48
S30	7	(mirror\$5 adj3 agent) and @ad<"20030601" and ( (origin\$6 initia\$6 request\$5 host source proxy ) adj5 (lun lba (logical adj (unit block address) ) ) near9 (table list map\$4 relat\$4 associat\$5) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 12:51
S31	13	(copy adj3 manag\$5) and @ad<"20030601" and ( (origin\$6 initia\$6 request\$5 host source proxy ) adj5 (lun lba (logical adj (unit block address) ) ) near9 (table list map\$4 relat\$4 associat\$5) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 12:57

S32	170	((copy backup replica\$6 mirror\$4 ) adj3 (manag\$5 control\$5 administrat\$5 operat\$5 supervis\$5 organiz\$4 processor direct\$4 govern\$5 ) ) and @ad<"20030601" and ( (origin\$6 initia\$6 request\$5 host source proxy ) adj5 (lun lba (logical adj (unit block address) ) ) near9 (table list map\$4 relat\$4 associat\$5) )	US-PGPUB; USPAT	OR	OFF	2005/02/25 12:59
S33	162	( (space resource member storage queue cache buffer memory ) near9 (full empty delet\$5 sufficien\$5 lack\$5 spare adequa\$5 short low meager availab\$5 greater ) ) and S32	US-PGPUB; USPAT	OR	ON	2005/02/25 13:01
S34	21	( (space resource member storage queue cache buffer memory ) near9 (full empty delet\$5 sufficien\$5 lack\$5 spare adequa\$5 short low meager availab\$5 greater ) near9 (delet\$5 eras\$5 releas\$5 ) ) and S32	US-PGPUB; USPAT	OR	ON	2005/02/25 13:04
S35	93	( (space resource member storage queue cache buffer memory ) near9 (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) ) and S32	US-PGPUB; USPAT	OR	ON	2005/02/25 13:19
S36	0	( (space resource member storage queue cache buffer memory ) near9 (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and S32	US-PGPUB; USPAT	OR	ON	2005/02/25 13:19
S37	1225	( (space resource member storage queue cache buffer memory ) near9 (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601"	US-PGPUB; USPAT	OR	ON	2005/02/25 13:20
S38	170	( (space resource member storage queue cache buffer memory ) near9 (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601" and (san nas nasd)	US-PGPUB; USPAT	OR	ON	2005/02/25 13:20

S39	19	( (space resource member storage queue cache buffer memory ) near9 (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601" and (san nas nasd) and "709".clas.	US-PGPUB; USPAT	OR	ON	2005/02/25 13:33
S40	63	(( (space resource member storage queue cache buffer memory page ) near9 (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601" and "709".clas.	US-PGPUB; USPAT	OR	ON	2005/02/25 13:34
S41	44	( (space resource member storage queue cache buffer memory page ) near9 (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601" and "709".clas. not S39	US-PGPUB; USPAT	OR	ON	2005/02/25 14:18
S42	49	(( (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601" and "709".clas. and (san nas nasd)	US-PGPUB; USPAT	OR	ON	2005/02/25 14:20
S43	49	(( (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601" and "709".clas. and ("SAN" nas nasd)	US-PGPUB; USPAT	OR	ON	2005/02/25 14:21
S44	20	(( (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601" and "709".clas. and (SAN nas nasd). u/c.	US-PGPUB; USPAT	OR	ON	2005/02/25 15:39
S45	0	(( (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency ) ) and @ad<"20030601" and "20030189936".pn.	US-PGPUB; USPAT	OR	ON	2005/02/25 15:39
S46	0	(( (delet\$5 eras\$5 releas\$5 flush scrub\$5 ) near9 (usage frequency access request ) ) and @ad<"20030601" and "20030189936".pn.	US-PGPUB; USPAT	OR	ON	2005/02/25 15:39
S47	0	(( (delet\$5 eras\$5 releas\$5 flush scrub\$5 garbage stale\ ) near9 (usage frequency access request ) ) and @ad<"20030601" and "20030189936".pn.	US-PGPUB; USPAT	OR	ON	2005/02/25 15:40



S48	1	( (delet\$5 eras\$5 releas\$5 flush scrub\$5 garbage stale page cache ) near9 (usage frequency access request ) ) and @ad<"20030601" and "20030189936".pn.	US-PGPUB; USPAT	OR	ON	2005/02/25 15:41
S49	1	(( (delet\$5 eras\$5 releas\$5 flush\$4 scrub\$5 garbage stale page cache overlay\$4 overwrit\$5 free\$5) near9 (usage frequency access request ) ) and @ad<"20030601" and "20030189936".pn.	US-PGPUB; USPAT	OR	ON	2005/02/25 15:42
S50	0	( (delet\$5 eras\$5 releas\$5 flush\$4 scrub\$5 garbage stale overlay\$4 overwrit\$5 free\$5) near9 (usage frequency access request ) ) and @ad<"20030601" and "20030189936".pn.	US-PGPUB; USPAT	OR	ON	2005/02/25 15:43
S51	1	(( (delet\$5 eras\$5 releas\$5 flush\$4 scrub\$5 garbage stale overlay\$4 overwrit\$5 free\$5 least lowest) near9 (usage frequency access request ) ) and @ad<"20030601" and "20030189936".pn.	US-PGPUB; USPAT	OR	ON	2005/02/25 16:39
S52	209336	( (delet\$5 eras\$5 releas\$5 flush\$4 scrub\$5 garbage stale overlay\$4 overwrit\$5 free\$5 least lowest) near9 (usage frequency access request ) ) and @ad<"20030601"	US-PGPUB; USPAT	OR	ON	2005/02/25 16:40
S53	10151	(( (delet\$5 eras\$5 releas\$5 flush\$4 scrub\$5 garbage stale overlay\$4 overwrit\$5 free\$5 least lowest) near9 (usage frequency access request ) ) and @ad<"20030601" and "709".clas.	US-PGPUB; USPAT	OR	ON	2005/02/25 16:40
S54	120	( (delet\$5 eras\$5 releas\$5 flush\$4 scrub\$5 garbage stale overlay\$4 overwrit\$5 free\$5 rewrit\$4 ) near9 ( least lowest) near9 (usage frequency access request hit ) ) and @ad<"20030601" and "709". clas.	US-PGPUB; USPAT	OR	ON	2005/02/25 16:43
S55	24	(( (delet\$5 eras\$5 releas\$5 flush\$4 scrub\$5 garbage stale overlay\$4 overwrit\$5 free\$5 rewrit\$4 ) near9 ( least lowest) near9 (usage frequency access request hit ) near9 (cache memory) ) and @ad<"20030601" and "709". clas.	US-PGPUB; USPAT	OR	ON	2005/02/25 16:44